

Response to Office Action
Docket No. 020.0254.US.CON

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1 1. (currently amended): A system for providing diagnosis and
2 monitoring of congestive heart failure for use in automated patient care,
3 comprising:
4 a comparison module comparing at least one recorded physiological
5 measure to at least one other recorded physiological measure on a substantially
6 regular basis to quantify a change in patient pathophysiological status for
7 equivalent patient information; ~~[[and]]~~
8 an analysis module determining ~~an absence~~, an onset, a progression, a
9 regression, and a status quo of congestive heart failure dependent upon the change
10 in patient pathophysiological status; and
11 a diagnostic module comparing the change in patient pathophysiological
12 status to an indicator threshold corresponding to a quantifiable physiological
13 measure indicative of congestive heart failure.

1 Claim 2 (canceled).

- 1 3. (original): A system according to Claim 1, further comprising:
2 a database module retrieving the at least one recorded physiological
3 measure and the at least one other recorded physiological measure from
4 monitoring sets stored in a database.

- 1 4. (original): A system according to Claim 3, further comprising:
2 a server system collecting the at least one recorded physiological measure
3 and the at least one other recorded physiological measure into each monitoring set
4 recorded on a substantially continuous basis or derived therefrom.

Response to Office Action
Docket No. 020.0254.US.CON

- 1 5. (original): A system according to Claim 4, further comprising:
2 at least one of an implantable medical device and an external medical
3 device recording the at least one recorded physiological measure and the at least
4 one other recorded physiological measure.
- 1 6. (currently amended): A system according to Claim 1, further
2 comprising:
3 the analysis module evaluating ~~an absence~~, an onset, a progression, a
4 regression, and a status quo of diseases other than congestive heart failure
5 dependent upon the change in patient pathophysiological status.
- 1 7. (original): A system according to Claim 1, further comprising:
2 a diagnostic module comparing at least one recorded quality of life
3 measure to at least one other recorded quality of life measure on a substantially
4 regular basis to qualify a change in patient pathophysiological status.
- 1 8. (original): A system according to Claim 1, further comprising:
2 a stored stickiness indicator defined for at least one physiological measure
3 corresponding to a temporal boundary on one of patient diagnosis and treatment;
4 a diagnostic module timing each change in patient pathophysiological
5 status for the equivalent patient information and determining one of a revised
6 patient diagnosis and treatment responsive to each change in patient
7 pathophysiological status with a timing exceeding the stickiness indicator.
- 1 9. (original): A system according to Claim 1, further comprising:
2 a diagnostic module comparing the change in patient pathophysiological
3 status to a reference baseline comprising recorded physiological measures
4 recorded during an initial time period.
- 1 10. (original): A system according to Claim 1, further comprising:

Response to Office Action
Docket No. 020.0254.US.CON

2 a diagnostic module comparing the change in patient pathophysiological
3 status to equivalent patient information from at least one of an individual patient,
4 a peer group, and a overall patient population.

1 11. (currently amended): A method for providing diagnosis and
2 monitoring of congestive heart failure for use in automated patient care,
3 comprising:
4 comparing at least one recorded physiological measure to at least one
5 other recorded physiological measure on a substantially regular basis to quantify a
6 change in patient pathophysiological status for equivalent patient information;
7 [[and]]
8 ~~determining an absence, an onset, a progression, a regression, and a status~~
9 ~~quo of congestive heart failure dependent upon the change in patient~~
10 ~~pathophysiological status; and~~
11 comparing the change in patient pathophysiological status to an indicator
12 threshold corresponding to a quantifiable physiological measure indicative of
13 congestive heart failure.

1 Claim 12 (canceled).

1 13. (original): A method according to Claim 11, further comprising:
2 retrieving the at least one recorded physiological measure and the at least
3 one other recorded physiological measure from monitoring sets stored in a
4 database.

1 14. (original): A method according to Claim 13, further comprising:
2 collecting the at least one recorded physiological measure and the at least
3 one other recorded physiological measure into each monitoring set recorded on a
4 substantially continuous basis or derived therefrom.

1 15. (original): A method according to Claim 14, further comprising:

Response to Office Action
Docket No. 020.0254.US.CON

2 recording the at least one recorded physiological measure and the at least
3 one other recorded physiological measure with at least one of an implantable
4 medical device and an external medical device.

1 16. (currently amended): A method according to Claim 11, further
2 comprising:
3 evaluating ~~an absence~~, an onset, a progression, a regression, and a status
4 quo of diseases other than congestive heart failure dependent upon the change in
5 patient pathophysiological status.

1 17. (original): A method according to Claim 11, further comprising:
2 comparing at least one recorded quality of life measure to at least one
3 other recorded quality of life measure on a substantially regular basis to qualify a
4 change in patient pathophysiological status.

1 18. (original): A method according to Claim 11, further comprising:
2 defining a stickiness indicator for at least one physiological measure
3 corresponding to a temporal boundary on one of patient diagnosis and treatment;
4 timing each change in patient pathophysiological status for the equivalent
5 patient information; and
6 determining one of a revised patient diagnosis and treatment responsive to
7 each change in patient pathophysiological status with a timing exceeding the
8 stickiness indicator.

1 19. (original): A method according to Claim 11, further comprising:
2 comparing the change in patient pathophysiological status to a reference
3 baseline comprising recorded physiological measures recorded during an initial
4 time period.

1 20. (original): A method according to Claim 11, further comprising:

Response to Office Action
Docket No. 020.0254.US.CON

2 comparing the change in patient pathophysiological status to equivalent
3 patient information from at least one of an individual patient, a peer group, and a
4 overall patient population.

1 21. (currently amended): A computer-readable storage medium for a
2 device holding code for performing the method according to Claims 11, ~~[[12,]]~~
3 13, 14, 15, 16, 17, 18, 19, or 20.

1 Claims 22-32 (canceled).